



Challenge TB - Tanzania

Year 1

Quarterly Monitoring Report

April – June 2015

Submission date: July 30, 2015

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Cover photo: *This represents part of Tanzania Challenge TB team recruited by July 2015. This includes Technical, Finance and Field teams*



On-the-job practical training on use of GeneXpert for laboratory staff conducted on 18th May 2015. Participants are doing a post-test exam as part of the competency skills assessment in using GeneXpert machine (Credit: Edgar Luhanga, KNCV Staff)

3. Quarterly Overview

Country	Tanzania
Lead Partner	KNCV
Other partners	PATH and ATS
Work plan timeframe	October 2014 – September 2015
Reporting period	April – June 2015

Most significant achievements:

Project start-up: The work plan for Challenge TB Project (CTB) in Tanzania was approved in March 2015. Immediately following, KNCV started recruitment processes and solicitation of office space. The project activities commenced in late May/June 2015 when critical staff positions were on board.

A total of 4 staff have been hired to implement the CTB project in 6 regions, namely Dar es Salaam, Pwani, Arusha, Kilimanjaro, Mwanza and Zanzibar. The team comprises of a Country Director, Finance Manager, M&E Officer, Laboratory Technical Officer and Project Assistant. All other staff are expected to report to KNCV in the next quarter of July to September, 2015.

Implementation: Despite the delayed start of implementation, the following was achieved during the quarter:

- Involvement of the National TB and Leprosy Programme (NTLP) from of the Ministry of Health and Social Welfare (MoHSW) in Challenge TB APA1 work plan activities. A courtesy call and introduction meeting was held on 9th June 2015 involving the existing KNCV staff at the time and NTLP staff. During the introductory meeting the KNCV team shared KNCV's background, the Challenge TB project strategies and planned activities for year 1. The CTB Y1 work plan was discussed and the NTLP team made a commitment to support implementation. The meeting provided a platform to discuss the areas of focus. Activities that were not planned for implementation in APA1 were noted for consideration in APA 2 planning.
- KNCV through CTB-supported GeneXpert Scale-up in Tanzania. A total of six GeneXpert machines (out of seven procured) were distributed and successfully installed in six health facilities that are under Challenge TB area. The remained machine will be installed in a non CTB supported area after site assessment that has been planned in the next quarter. Regular monitoring and mentoring on use and functionality of the machines will be done quarterly to proper utilization of the machines.
- A total of 12 laboratory personnel from 6 Hospitals (Mawenzi, Mt. Meru, Morogoro, Tumbi and Sengerema Hospitals) were trained on how to use the GeneXpert machine for detection of MTB/RIF. Country wide there 66 GeneXpert machines, among them 14 are in CTB geographical areas. All participants were from facilities that previously did not have the GeneXpert machines. The training was conducted for five days covering 10 modules for laboratory diagnosis training. This is expected to provide access to rapid testing to about 1,596,000 people in the geographical areas where the facilities are located.
- The project also conducted a two days' operational TB research meeting to establish the national TB operational research committee and to set up a national operational research agenda for TB in Tanzania. Participants came from various organizations and government institutions; these included representatives from NTLP, regional TB and leprosy coordinators from 3 regions, National Institute for Medical Research (NIMR), other research

institutes (e.g. Ifakara Health Research Institute, APOPO TB Research and Training Center), academia (MUHAS), implementing partners that also have research activities (e.g. from Kibong'oto MDR Hospital, ICAP, JSI, Maryland Global Research Initiative, Baylor Pediatric Initiative) and a community based organization (MKIKUTE). The meeting selected an operational research committee and 10 priority research questions to be focused on in the next year. These OR initiatives are meant to inform critical NTLP policy and protocol updates.

Technical/administrative challenges and actions to overcome them:

Given the delayed staff recruitment during this APA1 work plan, the actual implementation of KNCV CTB Project activities in Tanzania was delayed for two quarters; much of the planned activities could not be implemented on the planned timeframe. Staff recruitment started in March 2015 by hiring the Country Representative followed by other positions. Given the short period of time there was little time for staff orientation and smooth implementation. With the time constraint, the technical team reviewed the APA1 work plan and prioritized activities that can be implemented in the remaining timeframe and identified activities to be carried over to APA2.

Office space was identified but partitioning could not be completed during the quarter in time for the team to move in from the PATH offices, where we were being hosted. Delayed procurement of office equipment and other accessories were also a big challenge and setback for smooth project implementation as the initial plan was to use equipment from the previous phased-out PATH project, but some of the laptop computers were not fully functional. A short-term technical person was contracted to provide maintenance services for some of the computers to enable the technical team to make use of them. To overcome this, the project also used other office equipment from PATH office i.e. printers, scanner, telephone and internet services

In the country a total of 11 out of 66 GeneXpert machines available are not operational for various reasons: 10 awaiting installation by the NTLP and 1 to be installed by KNCV at the site that will be assessed in the next quarter.

Most of the activities that were planned for the period of April to June 2015 have been postponed to July-September, 2015. Therefore much will be reported in the July-September quarterly report.

4. Year 1 activity progress

Sub-objective 1. Enabling environment							
Planned Key Activities for the Current Year	Activity #	Planned Milestones			Milestone status		Remarks (reason for not meeting milestone or other key information)
		Oct 2014-Mar 2015	Apr-Jun 2015	Jul-Sep 2015	April – June 2015	Milestone met? (Met, partially, not met)	
Support implementation of the 2013 ACSM strategy - COMBI focused on key populations	1.2.1		ACSM training package developed	COMBI introduced in 3 districts	Collected draft ACSM training package from NTLP for review and finalization.	Partially met	Actual implementation started in June 15. This activity will be completed by 30 th September, 2015
Implement the Quote TB (light) tool in 3 districts	1.2.2			Quote TB (light) tool introduced in 3 districts	The work on this milestone has started in Q3. The Quote TB protocol has been completed and submitted to NIMR.		Training of field coordinators, research assistants, Regional and district government staff has been planned in next quarter on 27 to 30 July 2015
Map CSOs/FBOs in all priority USAID regions by district and engage CSOs and FBOs into TB control (PATH leads activity)	4.2.1			New CSOs/FBOs engaged in TB in 3 districts	The work on this milestone has started in Q3. Mapping tool has been developed and shared with regional coordinators to collect the required information.		Training will be conducted for selected CSOs/FBOs to engage them in TB in 3 districts under CTB area by 30 September 2015.

Sub-objective 2. Comprehensive, high quality diagnostics							
Planned Key Activities for the Current Year	Activity #	Planned Milestones			Milestone status		Remarks (reason for not meeting milestone or other key information)
		Oct 2014-Mar 2015	Apr-Jun 2015	Jul-Sep 2015	April 2– June 2015	Milestone met? (Met, partially, not met)	
Facilitate (Funding and TA) the Laboratory	2.1.1		1 Lab TWG meeting		This activity could not be implemented during the	Not met	Will be implemented in the next quarter of July

Technical Working Group					quarter		to September due to delayed commencement of implementation of all activities.
Update and finalize TB laboratory strategic plan (including Xpert Roll-out plan)	2.1.2		1 week workshop conducted	Lab strategic plan finalized and endorsed	KNCV Technical Focal Point and Country Director for Tanzania participated in the Xpert rollout plan workshop conducted in Bagamoyo on 30 th March to 3 rd April 2015	Met	This workshop was organized and funded by FIND, KNCV were invited as participants
Mapping of laboratory (public and private) network)	2.1.3	1 TA conducted	Mapping tool and protocol developed	Mapping finalized	This activity has been planned in the next quarter. TOR have been developed and shared for actual implementation	Not met	This will be implemented in the next quarter Mapping tool and protocol will be developed during the TA that will be conducted in August, 2015
Support accreditation of CTRL	2.2.1			Accreditation status assessment from KNCV completed	This activity could not be implemented during the quarter	Not met	Following the next quarter two KNCV staff will be seconded to CTRL, lab quality officer and lab safety officer. Other accreditation processes will start in the same quarter
Support GeneXpert Scale-up in 7 regions of Tanzania	2.4.1	Site assessment completed in one region	4 regions assessed, TOT conducted, 2 on site trainings, Xpert cartridges procured	2 regions assessed (7 cumulative), 3 on site trainings (5 cumulative)	There was no site assessment conducted in this reporting period. However, the implementation is done based on the site assessment conducted by PATH in task order 2015.	Partially met	One GeneXpert machine is yet to be installed due to the intended facility's poor infrastructure to accommodate the machine. The remained machine will be relocated to another

					12 laboratory personnel from 6 hospitals have been trained on how to perform a MTB/Rif test using the GeneXpert machine. The training for TOT is yet to be conducted		Site. One site assessment is planned in the next quarter for the 7 th machine's installation
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Sub-objective 3. Patient-centered care and treatment							
Planned Key Activities for the Current Year	Activity #	Planned Milestones			Milestone status	Milestone met? (Met, partially, not met)	Remarks (reason for not meeting milestone or other key information)
		Oct 2014-Mar 2015	Apr-Jun 2015	Jul-Sep 2015	April – June 2015		
Support the decentralization process for PMDT and further support expansion of ambulatory care including supervision and mentorship of decentralized units, policy, programmatic and clinical expertise support	3.2. 1		MDR-TB assessments conducted in 4 hospitals, TOT conducted, supervision of 5 PMDT sites, minor renovations started	Training of PMDT providers, supervision of 9 PMDT sites , minor renovations completed	This activity could not be fully implemented during the quarter. Draft TOR and other initial preparations for the TA to support MDR TB sites assessment have been prepared.	Partially met	This activity will be implemented in the quarter of July to September due to delayed commencement of implementation of all activities.
Support Kibong'oto to become a national Center of Excellence for PMDT	3.2.2		Quarterly PMDT cohort review conducted, Weekly expert MDR-TB patient review panels conducted	Quarterly PMDT cohort review conducted, Weekly expert MDR-TB patient review panels conducted	This activity was not implemented during the quarter. Initial preparations for July to September cohort review are currently underway.	Not met	This activity will be implemented in the quarter of July to September due to delayed commencement of implementation of all activities.

Support Ambulance service for MDR	3.2.3	Ambulance support established		Additional vehicle procured	Quotations received from vendors for the ambulance service for MDR, procurement processes are currently underway.	Partially met	Procurement justification documents for ambulance prepared and will be submitted to HQ in the next quarter
Support the development of TB/HIV one stop shops model	3.2.4		TB/HIV assessments conducted in 1 district each for 6 regions	TB/HIV policies updated, TB/HIV training conducted	This activity has been combined with the MDR infection control assessment (activity 5.1.1) that will be conducted in 4 health facilities. Draft TOR and other Initial preparations for the TA have been prepared.	Partially met	This activity will be implemented in the quarter of July to September due to delayed commencement of implementation of all activities.

Sub-objective 4. Targeted screening for active TB							
Planned Key Activities for the Current Year	Activity #	Planned Milestones			Milestone status	Milestone met? (Met, partially, not met)	Remarks (reason for not meeting milestone or other key information)
		Oct 2014-Mar 2015	Apr-Jun 2015	Jul-Sep 2015	April – June 2015		
Establish and monitor systematic contact investigations for MDR-TB patients and PLHIV	4.1.1		Contact investigation protocol for MDR-TB patients and PLHIV established	Contact investigation protocol established in 6 priority districts (1 per region)	This activity was not implemented during this quarter.	Not met	Implementation of this activity will commence next quarter of July to September and continue to APA 2.
Engage community members or health outreach workers to support contact investigation activities	4.1.2			Community engaged in contact investigations in 3 districts	In preparation for implementation in Q3 CTB and NTLP managed to develop and finalize facilitator guidelines and a PowerPoint presentation for community training package. The final package will be shared with HQ for approval		
Map out identified key populations e.g., where they are and how to	4.1.3		Mapping tool developed	Mapping exercise completed	A mapping tool has been developed and shared for data collection at district level	Met	Data will be collected and compiled in the next quarter

best reach them							
Finalize policy documents on how to address these key populations in terms of case-finding and care	4.1.4			Key population policy document developed	The work on this milestone will be implemented in Q4.		This activity has been combined and will be implemented together with activity 4.1.1 under PMDT activities in Q4

Sub-objective 5. Infection control							
Planned Key Activities for the Current Year	Activity #	Planned Milestones			Milestone status	Milestone met? (Met, partially, not met)	Remarks (reason for not meeting milestone or other key information)
		Oct 2014-Mar 2015	Apr-Jun 2015	Jul-Sep 2015	April – June 2015		
Strengthen infection control in decentralized PMDT units and TB/HIV settings.	5.1.1		Infection control mission and site meeting reports		This assessment will be implemented in the next quarter with TA from KNCV	Not met	The activity will be implemented in the next quarter (The assessment will done together with TB/HIV one stop shops model)

Sub-objective 7. Political commitment and leadership							
Planned Key Activities for the Current Year	Activity #	Planned Milestones			Milestone status	Milestone met? (Met, partially, not met)	Remarks (reason for not meeting milestone or other key information)
		Oct 2014-Mar 2015	Apr-Jun 2015	Jul-Sep 2015	April – June 2015		
Engage key policy and political leaders for resource mobilization	7.1.1	World TB day commemorated	Policy maker Symposium held	2 Symposia held (3 cumulative)	The Policy maker symposium was not conducted, the initial process will start in the next quarter with actual implementation expected in	Not met	This has been planned and will be implemented in APA2. The World TB Day commemoration was

					year 2.		not supported because by this date KNCV had no staff in Tanzania to organize this.
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Sub-objective 8. Comprehensive partnerships and informed community involvement							
Planned Key Activities for the Current Year	Activity #	Planned Milestones			Milestone status	Milestone met? (Met, partially, not met)	Remarks (reason for not meeting milestone or other key information)
		Oct 2014-Mar 2015	Apr-Jun 2015	Jul-Sep 2015	April – June 2015		
Support national STOP TB Partnership meetings	8.1.1		Stop TB partnership formed	Meeting held	This activity could not be implemented during the quarter. The main stakeholder on this meeting the NTLP proposed to reschedule this activity with consideration of the current national election that will be in October 2015.	Not met	This will be implemented in year 2 work plan activities. NTLP proposed this activity to be conducted after the national election that will be held in October 2015
Support PMDT technical working group	8.1.2	PMDT TWG held	PMDT TWG held	PMDT TWG held	This activity could not be implemented in the current and previous quarters. The first meeting will be held in August, 2015	Not met	This activity will commence in the next quarter and continue on quarterly basis due to delayed commencement of implementation of all activities.

Sub-objective 10. Quality data, surveillance and M&E							
Planned Key Activities for the Current Year	Activity #	Planned Milestones			Milestone status	Milestone met? (Met, partially, not met)	Remarks (reason for not meeting milestone or other key information)
		Oct 2014-Mar 2015	Apr-Jun 2015	Jul-Sep 2015	April – June 2015		
External evaluation of current electronic recording and reporting system	10.1.1			Surveillance mission conducted for national and regional assessments			This activity will be implemented in the next quarter on 5th to 14th August
Establish TB research committee meeting that meets semi-annually	10.2.1			One TB Research meeting is held	This activity was planned for the quarter of July to September. However, due to availability of the person assigned for TA it was rescheduled and implemented in April to June 2015	Met	This activity was implemented together with establishment of national research agenda (activity 10.2.2)
Support research agenda setting and support TWG for TB research (e.g. Coordination and exchange of current TB research in Tanzania)	10.2.2			TB research agenda established	The TA person assigned on this activity was available on the reporting quarter therefore it was rescheduled to April to June 2015 to meet requested timeframe.	Met	This activity was implemented together with TB Operational research meeting (activity 10.2.1)

Sub-objective 11. Human resource development							
Planned Key Activities for the Current Year	Activity #	Planned Milestones			Milestone status	Milestone met? (Met, partially, not met)	Remarks (reason for not meeting milestone or other key information)
		Oct 2014-Mar 2015	Apr-Jun 2015	Jul-Sep 2015	April – June 2015		
Supportive supervision meetings in priority regions	11.1.1	37 Monthly & district supervisions initiated			This activity was not conducted, has been planned in the next quarter	Not met	This activity will be conducted on a monthly basis for each district in the CTB areas to provide supervisions and monitoring of data collection.
External assessment of training needs of supervisors	11.1.2		Tool for assessment is developed	Assessment conducted	This activity could not be implemented during the quarter. An assessment tool will be developed in quarter4, actual assessment will be rescheduled to APA2	Not met	Delayed implementation of the project. The activity is planned in the next quarter.
Seconded staff	11.1.3	Seconded staff onboard			Two seconded staff from PATH are now on board	Met	Two seconded staff from PATH are now on board (TB/HIV Technical officer and Community Engagement Officer)
Annual Regional TB Leprosy Coordinator meeting at central level (all regions)	11.1.4			Annual RTLC meeting held			

3. Challenge TB's support to Global Fund implementation in Year 4

Current Global Fund TB Grants

Name of grant & principal recipient (i.e., Tuberculosis NFM - MoH)	Average Rating*	Current Rating	Total Approved Amount	Total Disbursed to Date	Total expensed (if available)
TB/HIV NFM - MoF			\$ 21,286,266	0	0
TB/HIV-MoF		A1	\$ 66,664,076	33,905,091	

* Since January 2010

In-country Global Fund status - key updates, current conditions, challenges and bottlenecks

Global Fund through Ministry of Health and Social Welfare (MoHSW) has recently developed a joint TB/HIV concept note under the New Funding Mechanism which has recently approved for the period of July 2015 – December 2017. The secured Grant will aim to increase TB case detection from the current 54% to 75% by 2017. Global Fund grant negotiation has been completed, funds are yet to be disbursed. The New Mechanism Funding budget has been revised to consolidate savings accrued from Grant negotiations and delayed disbursement from previous grants.

Bridging funds disbursement was anticipated for the period of November 2014 to June 2015.

Global Fund delayed bridging funds disbursement for 8 months, contributing to low performance on reaching planned targets in Tanzania.

Challenge TB & Global Fund - Challenge TB involvement in GF support/implementation, any actions taken during this reporting period

There was no direct or indirect support to Global Fund implementation during the quarter.

4. Success Stories – Planning and Development

Planned success story title:	The role of community in detection of TB
Sub-objective of story:	4. Targeted screening for active TB
Intervention area of story:	4.1. Contact investigation implemented and monitored
Brief description of story idea:	The role of community stakeholders in sensitization and mobilization of suspected TB patients to seek care. Former TB patients and community health care workers play a very crucial role in increasing TB case detection by engaging themselves in community sensitization about TB, mobilizing TB suspects, offering TB treatment support to TB patients, tracing TB treatment defaulters and providing health education to the general public about TB prevention.
Status update: This will be reported in APA2 depending on the performance on this indicator	
Planned success story title:	Improving quality management system at CTRL
Sub-objective of story:	2. Comprehensive, high quality diagnostics
Intervention area of story:	2.1. Access to quality TB diagnosis ensured
Brief description of story idea:	Challenge TB in APA 1 planned to support CTRL to acquire accreditation through various interventions.
Status update: Draft TOR has been developed in collaboration with CTRL, initial implementation of this activity will start in August 2015 by conducting lab audit of CTRL	

5. MDR-TB cases detected and initiating second line treatment in country

Quarter	Number of MDR-TB cases detected	Number of MDR-TB cases put on treatment	Comments:
Total 2010	24	24	Data reported covers phenotypic DST and Gene Xpert data in the mentioned period to obtain the MDR TB cases detected. The number reported on Jan to March 2015 is for only Gene Xpert data, there was no phenotypic DST done at Central TB Reference Lab (CTRL) due to defected negative pressure room in the mentioned period. There has been a great discrepancy between the number of cases detected and those put on treatment over the years. CTB will communicate with MDR TB coordinator at NTLP and CTRL to address this issue. In addition CTB is planning to conduct data quality assessment in APA2 to see if there is any related data discrepancy
Total 2011	54	32	
Total 2012	101	45	
Total 2013	223	96	
Total 2014	144	134	
Jan-Mar 2015	63	30	
Apr-Jun 2015	74	23	
Jul-Sep 2015			
Oct-Dec 2015			
Total 2015	137	53	

6. Challenge TB-supported international visits (technical and management-related trips)

#	Partner	Activity Code	Name	Purpose	Planned month, year	Status (cancelled, pending, completed)	Dates completed	Duration of the visit (# of days)	Debrief presentation received	Summary report received	Final report received	Additional Remarks (Optional)
1	KNCV	1.2	Marleen Heus	Facilitate QUOTE TB light assessment	Q3	Pending			No	No	No	
2	KNCV	2.1	TBD	Mapping of lab network	Q2	Pending			No	No	No	
3	KNCV	2.1	Valentina Anisimova	Update and finalize lab strategic plan and Xpert rollout plan and TWG	Q2	Pending			No	No	No	
4	KNCV	2.2	TBD	Support accreditation of CTRL	Q2	Pending			No	No	No	
5	KNCV	2.4	Jerod Scholten	Xpert rollout plan workshop	Q2	Complete	2 April, 2015	5 Days	Yes	Yes	No	
6	KNCV	2.4	TBD	Operation and utilization of rapid diagnostics	Q3	Pending			No	No	No	
7	KNCV	3.2	Victor Ombeka	PMDT curriculum review	Q3	Pending			No	No	No	
8	KNCV	3.2	Marleen Heus	PMDT curriculum review	Q3	Pending			No	No	No	
9	KNCV	3.2	Agnes Gebhard	Short regimen protocol development	Q3	Pending			No	No	No	

10	ATS	4.1	Phil Hopewell, Fran Du Melle	Develop CI implementation plan	Q3	Pending			No	No	No	
11	ATS	4.1	Elizabeth Fair	Develop CI implementation plan	Q3	Pending			No	No	No	
12	KNCV	5.1	Claude Rutanga	Conduct TB-IC site assessment	Q3	Pending			No	No	No	
13	KNCV	10.1	Nico Kalisvaart	Conduct assessment and evaluation of the ERR	Q3	Pending			No	No	No	
14	KNCV	10.2	Suzanne Verver	Facilitate national TB Operational research meeting	Q3	Complete	25 June 2015	5 days	No	Yes	Yes	The activity involved facilitation of the OR meeting to establish national operation research agenda. This was rescheduled from Q3 to Q2
15	KNCV	11.1	TB	Qualified staff available	Q2	Pending			No	No	No	
16	PATH	1.2	TBD	ACSM	Q3	Pending			No	No	No	
Total number of visits conducted (cumulative for fiscal year)							2					
Total number of visits planned in approved work plan							16					
Percent of planned international consultant visits conducted							13%					